

EST.	Sorghum propinquum.
SOURCE	UNANIMUS
KEYWORDS	Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliopsida; Liliaceae; Poales; Poaceae; PACC Puccinia; Pucciniaceae; Sorghum.
REFERENCE	1 (bases 1 to 376)
AUTHORS	C. Gonsler-Pratt M., Gindoff A., Sudjan M., Nasralla C. and Pratt M.
TITLE	An EST database from Sorghum: floral-induced meristems
CONTACT	Gonsler-Pratt M.
MAILING ADDRESS	Contact: Gonsler-Pratt M.

Department of Botany
The University of Georgia
Athens, Georgia 30602-7271, USA
Phone: 706 542 1805
Fax: 706 542 1805
Email: mspirat@uga.edu
Sequences have been trimmed to exclude PolyA, vector and regions below 70% quality 36. The threshold for highest quality sequence
See primer: 77

[illegible]

	Query Match	26.7%	Score 29.4	DB 11	Length 776
	Best Local Similarity	60.8%	Ref. No. 98		
	Mismatches	49	Conservative	0	Mismatches 31; Indels 0; Gaps 0
OY	15	gagctatcagcagagagagggggtgctatcagctacgactacgacgacgacga	74		
DB	38	GCACATGACAGAGTTCAGACAGATGCATTCACAAACAACTACACACGACCA	97		
OY	75	CTCAGCTCGCGCGCGGCGA	93		
DB	98	CAGCGCGCGCACACGCGAA	116		

RESULT 9

LOCUS B650380

LENGTH 438 bp

DEFINITION PM-53_D02_41_A003 Floral-Induced Meristem 1 (PM1) Sorghum

EST

25-JAN-2001

ACCESSION E050380.1 GI:12503023
VERSION
SOURCE Bacteria
TAXONOMY Sorghum prolixum.
Sorghum prolixum.
Sorghaceae
Spermatophytes
Embryophyta; Tracheophyta;
Angiosperms
Rosids
Malvales; Malvaceae; FIC
clade; Pinalesdiatae; Antopogoneae; Sorghum,
1 (bases 1 to 318)
REFERENCE Gominard-Vracat-M., Gingle A., Sultan M., Masala C. and Pratt
AUTHORS L.H.

TITLE An EST database from *Sorghum*: Floerli-induced meristems
JOURNAL Unpublished (2006)
COMMENT Contact: Cordonnier-Pratt NM
Department of Botany
The University of Georgia
Athens, Georgia, USA
Phone: 706 542 1805
Fax: 706 542 1805
Email: mnapier@uga.edu

Sequences have been trimmed to exclude PolyA, vector and regions below phred quality 16. The threshold for highest quality sequence is 20.

Seq primer: PolyTmX
High quality sequence start: 10
High quality sequence stop: 390
POLYA=tes
Location/Qualifiers
source
1. 438

/orgensis="Sorghum protractum"
/date="2003-05-23"
/note="Fluxus-PicPc-Induced Meristem 1 (pkl)"
/note="Organ: Floral induced meristems: Vector
/plate="Sector 11 from Lambda ZAP II; Site 1. Klot; Site 2;
15 days with 16 hr darkness and 8 hr light (flowering is
induced by short-day conditions); 16 days after being
transfected into the host cells. The library was constructed during
late April/early May. meristems were harvested
library was made from poly-A RNA in the cloning vector
lambda ZAP II. Clones to be sequenced were prepared by
digestion with BamHI and SalI"
 113 104 126 89 89 89
 BASE COUNT

[illegible]

RESULT	10		506 bp	mRNA	EST	05-DEC-2000
BF481432		LOCUS				
PF4_19_803.g1.AUG13.Floral-induced Metis-gem 1 (PVL) Sorghum		DEFINITION				
BF481432		Accession number				
BF481432		Accession				
BF481432		VERSION				
BF481432		GI:	11552953			

RETICULUS
SOURCE
ORGANISM
EST.
Sorghum prolikum.
Sorghum prolikum.
Sorghum prolikum.
Spermatophyta: Malvophyta: Euphorbia
clade: Panicoideae: Andropogoneae: Sorghum.
1 (bases 1 to 506)
Cordonnier-Pratt, M.-M., Gingle, A., Sudman, M., Messia, C. and Pratt
An EST database from Sorghum: floral-induced mRNAs

Unpublished (2000).
Contact: Cordonnier-Pratt MM
Department of Botany
The University of Georgia
Plant Sciences Building, Rm. 2502, Athens, GA 30602-7271, USA
Tel: 706 542 1860
Fax: 706 542 1805
Email: mmpratt@uga.edu

Enkayveta; Metazoa; Chordata; Vertebrata; Eucalostomati;

1. (bases 1 to 718)

REFERENCE: Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo;

Zhao S., Adams M.D., Nierman M., Malek J., de Jong P. and Venter

Use of BAC End Sequences from Library RPI-11 for Sequence-ready

Map Building

Journal

COMMENT

Other GSRS: RPI11-148P3.TV

Contact: Shuying Zhao, William Nierman, Mark Adams

Department of Forensic and Clinical Genetics

712 Medical Center Dr., Rockville, MD 20850

761 301 838 0200

Email: hbestig@org

Clones are derived from the human BAC library RPI-11. For BAC

cloning, please contact the BAC library at the following address:

(pieter@stoneandbuffalo.edu). Clones may be purchased from

BACDAC Resources (<http://bacpac.med.buffalo.edu/ordering>) or from

Research Genetics (<http://inforesgen.com>). BAC end search page:

http://www.resgen.com/bac_end_search.html

Seq primer: S16

Class: BAC ends

Features

Sources

1. .718

/organism="Homo sapiens"

/dbxref="taxon:9606"

/dbxref="taxon:9606"

/clone="RPI-11-148P3"

/clone="RPI-11-148P3"

/cell="RPI-11"

/cell_type="lymphocytes"

/note="Vector: pRAC2.0; Site 1: EcoRI; Site 2: EcoRI;

RPI-11; Human BAC library"

BASE COUNT 205 a 195 c 104 g 214 t

ORIGIN

Query Match 26.4% Score 29; DB 13; Length 718;

Best Local Similarity: 65.8%; Pred. No. 1.4e+02;

Matches 44; Conservative 0; Mismatches 25; Indels 0; Gaps 0;

Oy 1 agtctcgtatcgagagatcagatctcgtcggagggaggggtggtctactacagtc 60

DB 305 AAGTTTCAGCAGCAGATGACCAATGATGAGGATCGTGCTGTAGACAGCT 246

Oy 61 actatcag 69

DB 245 GATACAGG 237

|||||

Search completed: April 2, 2002, 21:04:02

JOB TIME: 8374 sec